

TJ/60/30
U.S. PTO

03-12-01 A

PTO/SB/05 (08-00)
Approved for use through 10/31/2002. OMB 0651-0032U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.09/802410
03/09/01Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. CISCO-3287

First Inventor Sitaraman

Title Dynamic Multi-Hop Ingress to
Egress L2TP Tunnel Mapping

Express Mail Label No. EL839726025US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.

See 37 CFR 1.27.

3. Specification [Total Pages 44]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 18]

5. Oath or Declaration [Total Pages 1]

- a. Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)

i. **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form (CRF)

- b. Specification Sequence Listing on:

- i. CD-ROM or CD-R (2 copies); or

- ii. paper

- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement
(when there is an assignee) Power of Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Other: Request and Certification
Under 35 U.S.C. 122 (b) (2) (B) (i)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information: Examiner _____

Group I Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

Customer Name: THELEN REID & PRIEST LLP
Address: P. O. Box 640640

or Correspondence address below

Name	David B. Ritchie			
Address	THELEN REID & PRIEST LLP P. O. Box 640640			
City	San Jose	State	CA	Zip Code
Country	USA	Telephone	(408) 292-5800	Fax

Name (Print/Type)	John P. Schaub	Registration No. (Attorney/Agent)	42,125
Signature	John P. Schaub		
	Date 3/9/01		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Aravind Sitaraman and Purnam Sheth
SERIAL NO.: (not yet assigned)
FILING DATE: March 9, 2001
TITLE: DYNAMIC MULTI-HOP INGRESS TO EGRESS L2TP TUNNEL
MAPPING
EXAMINER: (not yet assigned)
ART UNIT: (not yet assigned)

CERTIFICATE OF MAILING

"Express Mail" mailing label no.: EL839726025US

Date of Deposit: March 9, 2001

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and addressed to:
Box PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231, on the date printed below:

Name: Sharon E. Byam
Sharon E. Byam

**BOX PATENT APPLICATION
COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231**

TRANSMITTAL LETTER

Enclosed for filing please find the patent application for an invention entitled,
"Dynamic Multi-Hop Ingress to Egress L2TP Tunnel Mapping", filed on behalf of Cisco
Technology Inc., assignee from inventors, Aravind Sitaraman and Purnam Sheth,
including Utility Patent Application Transmittal, 28 pages of specification, 15 pages of
claims, 18 sheets of drawing figures, and 1 page of Abstract. Also enclosed herewith are
the executed Assignment with cover page and Combined Declaration/Power of Attorney.

The attorney's Docket Number is CISCO-3287.

Please address all communications regarding this application to:

David B. Ritchie, Esq.
THELEN REID & PRIEST LLP
P.O. Box 640640
San Jose, California 95164-0640
Telephone (408) 292-5800

The Commissioner is authorized to charge our Deposit Account No. 50-1698 in the amount of \$1,528.00 or as required for the filing fee for a large entity, calculated as follows:

Basic Filing Fee:	\$ 710.00
41 Additional Claims in excess of 20:	\$ 738.00
1 Additional Independent Claim(s):	\$ 80.00
0 <u>Multiple Dependent Claim(s)</u> :	\$ -0-
Total Filing Fee:	\$ 1,528.00

A duplicate of this page is enclosed.

Respectfully submitted,
THELEN REID & PRIEST LLP



John P. Schaub
Reg. No. 42,125

Dated: March 9, 2001

THELEN REID & PRIEST LLP
P.O. Box 640640
San Jose, CA 95164-0640
(408) 292-5800

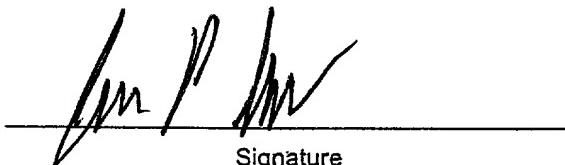
**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Aravind Sitaraman
Title	DYNAMIC MULTI-HOP INGRESS TO EGRESS L2TP TUNNEL MAPPING
Atty Docket Number	CISCO-3287

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 9, 2001

Date



Signature

John P. Schaub, Reg. No. 42,125

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).